

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

| Title of Invention | Simulating diagonal wiring directions using manhattan directional wires | | | | | | | | | | | | | |
|---|--|------------|------------|-------------------|------|-------|----------|--|--|--|--|--|--|--|
| Application Number: | 10/043853 *10/043853* | | | | | | | | | | | | | |
| Confirmation Number: | 9148 | | | | | | | | | | | | | |
| First Named Applicant: | Steven Teig | | | | | | | | | | | | | |
| Attorney Docket Number: | SPLX.P0007 | | | | | | | | | | | | | |
| Art Unit: | 2826 | | | | | | | | | | | | | |
| Examiner: | Alexander O. Williams | | | | | | | | | | | | | |
| Search string: | (5640327 or 5689433 or 5801385 or 5811863 or 5880969 or 5889329 or 6111756 or 6260183 or 6263475 or 6301686 or 6324674 or 6412097 or 6645842 or 20010009031).pn. | | | | | | | | | | | | | |
| US Patent Documents | | | | | | | | | | | | | | |
| Note: Applicant is not required to submit a paper copy of cited US Patent Documents | | | | | | | | | | | | | | |
| Init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass | | | | | | | |
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| 2 | 2 | 5689433 | 1997-11-18 | Edwards | | | | | | | | | | |
| 3 | 3 | 5801385 | 1998-09-01 | Endo et al. | | | | | | | | | | |
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| 6 | 6 | 5889329 | 1999-03-30 | Rostoker et al. | | | | | | | | | | |
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US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

| Init | Cite.No. | Pub. No. | Date | Applicant | Kind | Class | Subclass |
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| 1W | 1 | 20010009031 | 2001-07-19 | Nitta et al. | A1 | | |

Signature

| | |
|---|----------|
| Examiner Name | Date |
|  | 10/31/09 |



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|--|---|----|---|------------------------|-----------------------|
| Substitute for form 1449A/PTO | | | | Application Number | 10/043,853 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Filing Date | 1/11/2002 |
| (use as many sheets as necessary) | | | | First Named Inventor | Steven Teig |
| | | | | Group Art Unit | 2826 |
| | | | | Examiner Name | Alexander O. Williams |
| Sheet | 1 | of | 1 | Attorney Docket Number | SPLX.P0007 |

| FOREIGN PATENT DOCUMENTS | | | | | | |
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| Examiner Initials | Cite No. ¹ | Foreign Patent Document | | Date of Publication | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Office ³ | Number ⁴ | Kind Code (If known) ⁵ | MM-DD-YYYY | |
| <i>AM</i> | 1. | JP | 04-000677 | | 01-06-1992 | Fujiwara et al. |
| <i>AM</i> | 2. | JP | 2000-082743 | | 03-21-2000 | Igarashi et al. |

| NON PATENT LITERATURE DOCUMENTS | | | | | | |
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| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | | |
| <i>AM</i> | 3. | Chen et al., Optimal Algorithms for Bubble Sort Based Non-Manhattan Channel Routing, May 1994, Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions Volume: 13 Issues, pp. 603-609. | | | | |
| | 4. | Cong J. et al., DUNE – A Multilayer Gridless Routing System, May 2001, IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, vol 20, iss. 5, pp. 633-647. | | | | |
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| | 7. | Morton, P. B. et al., An Efficient Sequential Quadratic Programming Formulation of Optimal Wire Spacing for Cross-Talk Noise Avoidance Routing, UCSC-CRL-99-05, March 10, 1999. | | | | |
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| Examiner Signature | <i>AM</i> | Date Considered | 10/31/02 |
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